

MULTIWELL PLATE ASSEMBLY FOR USE IN HIGH THROUGHPUT ASSAYSAbstract of the Disclosure

A device for characterizing the biological properties of cells can include a plurality of dual-compartment assay chambers wherein the compartments of each chamber are separated by a cell layer across which ions can flow. The biological properties of the cell layer in the presence or absence of experimental compounds can be determined by measuring an electrical gradient across the layer. A individual dual-compartment chamber of this type may be referred to as an "Ussing chamber."

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